ELOP J-MUSIC™

DIRCM solutions for aircraft protection

Elbit Systems Electro-optics Elop's Multi Spectral Infrared Countermeasure (MUSIC) systems are high-performance, fiber-laser based DIRCM solutions for protecting aircraft against heat seeking ground to air missiles (MANPADS). These systems integrate advanced fiber laser technology together with a high rate thermal camera and a small, highly dynamic mirror turret to provide effective, reliable and affordable protection to all types of aircraft and under all operational conditions.

J-MUSIC is a DIRCM system intended for distributed installation on medium to large size jet platforms. It can be integrated with various missile warning systems (MWS).

Elbit Systems™ ISTAR

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Main components

- Laser generator unit and laser head
- Thermal camera for missile acquisition and tracking
- High-speed sealed mirror turret
- System processor (ELU)

Technical data

Overall weight		57 Kg
Jamming turret dimensions	Diameter:	34 cm
	External height:	18 cm
	Internal height:	21 cm
Power consumption		1800W
MWS	External MWS (UV or IR)	
Installation options	Single, dual or multi-turret configuration	

Main features

- High reliability leading to low life cycle costs (LLC)
- Open architecture for MWS interface
- Flexible installation

Elbit Systems Ltd.
Advanced Technology Center, P.O.B 539, Haifa 31053, Israel
E-mail: istar@elbitsystems.com www.elbitsystems.com

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